

ABSTRACT

An operating arm (12) supported on a movable body (3) is operated to move downwards, and a supporting body (14) located on the front end section of the operating arm (12) is rotated about an axis in the lateral direction of a processing line (L), whereby a conveyance object (M) supported on the supporting body (14) is immersed in a processing liquid in a processing liquid tank (1) and processed by the same. Furthermore, the conveyance object (M) is removed from the processing liquid, during which operation the supporting member (14) is rotated in accordance with the shape of the conveyance object (M), thereby controlling the angle of the conveyance object (M) upon introduction into the processing liquid, the angle of the conveyance object (M) during immersion in the processing liquid, and the angle of the conveyance object (M) upon removal from the processing liquid.